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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **HORIBE, Masahiro, et al.**

Group Art Unit: **Not Yet Assigned**

Serial No.: **10/809,924**

Examiner: **Not Yet Assigned**

Filed: **March 26, 2004**

P.T.O. Confirmation No.: **6759**

For: **HIGH-TEMPERATURE SUPERCONDUCTING DEVICE AND MANUFACTURING METHOD THEREOF**

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 29, 2004

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

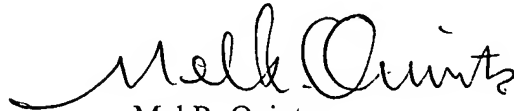
No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

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**23850**

PATENT TRADEMARK OFFICE

Enclosures: PTO-1449 and References (3)



<b>INFORMATION DISCLOSURE CITATION PTO-1449</b>	Atty. Docket No. <b>040157</b>	Serial No. <b>10/809,924</b>
	Applicant(s): <b>HORIBE, Masahiro, et al.</b>	
	Filing Date: <b>March 26, 2004</b>	Group Art Unit: <b>Not Yet Assigned</b>

### U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA					
_____	AB					
_____	AC					
_____	AD					
_____	AE					

### FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation (Yes or No)
_____ AF 2000-353831	12/19/00	Japan	Abstract
_____ AG 2001-244511	09/07/01	Japan	Abstract
_____ AH			
_____ AI			
_____ AJ			

### OTHER DOCUMENTS

_____	AK	Institute of Physics Publishing, Supercond. Sci. Technol. Vol. 14, pp 1052-1055, 2001; "The improvement of the characteristics of ramp-edge junctions with interface modified barriers."
_____	AL	
Examiner _____ Date Considered _____		

PRIOR ART INFORMATION LIST

Your case No.	
Our case No.	F1230P-US

Inventor, Patent Number, Country Author, Title, Name of Document	Issue Date	Concise Explanation of the Relevance (indication of page, column, line, figure of the relevant portion)
Japanese Patent Application Laid-open No. 2000-353831	Dec. 19, 2000	
Japanese Patent Application Laid-open No. 2001-244511	Sep. 7, 2001	
Supercond. Sci. Technol. Vol. 14, pp 1052-1055, 2001		